

What Is Claimed Is:

1 1. An object management system, comprising:
2 an object access interface to receive an access request
3 from at least one entity, wherein the access request
4 includes at least identification of the entity, a
5 source port, object information and access content;
6 a resource management module to assign a command handler
7 to the access request;
8 an access management module to determine authority of the
9 access request according to the identification and
10 the source port; and
11 an object management module to perform a procedure
12 corresponding to the access content on an object
13 corresponding to the object information,
14 wherein, when the object management module finishes the
15 procedure, the command handler is released.

1 2. The system as claimed in claim 1 wherein, when the
2 access request further includes a destination port and the
3 access content further includes a write command, the object
4 management module writes the object to the destination port
5 according to the authority and the write command.

1 3. The system as claimed in claim 2 wherein, when the
2 access content further includes a permanent write command, the
3 object management module further writes the object to an object
4 storage according to the permanent write command.

1 4. The system as claimed in claim 2 wherein the object
2 management module further duplicates the object to a second
3 object management module.

1 5. The system as claimed in claim 1 wherein the access
2 content includes a read command, and the object management
3 module provides the object to the entity for reading according
4 to the authority and the read command.

1 6. The system as claimed in claim 1 wherein the access
2 content includes a remove command, and the object management
3 module removes the object according to the authority and the
4 remove command.

1 7. The system as claimed in claim 6 wherein the object
2 management module further notifies a second object management
3 module to remove the object.

1 8. The system as claimed in claim 1 wherein the access
2 content includes a retrieve command, and the object management
3 module provides the object to the entity according to the
4 authority and the retrieve command, and locks the object such
5 that the object is not available for any other entity.

1 9. The system as claimed in claim 8 wherein the object
2 management module further releases the object after a preset
3 time.

1 10. An object management method, comprising the steps of:
2 receiving an access request from at least one entity, the
3 access request including at least identification of

4 the entity, a source port, object information and
5 access content;
6 assigning a command handler to the access request;
7 determining authority of the access request according to
8 the identification and the source port;
9 performing a procedure corresponding to the access content
10 on an object corresponding to the object information;
11 and
12 releasing the command handler when the procedure finishes.

1 11. The method as claimed in claim 10 wherein, when the
2 access request further includes a destination port and the
3 access content further includes a write command, the method
4 further comprises writing of the object to the destination port
5 according to the authority and the write command.

1 12. The method as claimed in claim 11 wherein, when the
2 access content further includes a permanent write command, the
3 method further comprises writing of the object to an object
4 storage, according to the permanent write command.

1 13. The method as claimed in claim 11 further comprising
2 duplication of the object to a second object management module.

1 14. The method as claimed in claim 10 wherein, when the
2 access content includes a read command, the method further
3 comprises provision of the object to the entity for reading
4 according to the authority and the read command.

1 15. The method as claimed in claim 10 wherein, when the
2 access content includes a remove command, the method further

comprises removal of the object according to the authority and the removal command.

16. The method as claimed in claim 15 further comprising notification of a second object management module to remove the object.

17. The method as claimed in claim 10 wherein, when the access content includes a retrieve command, the method further comprises provision of the object to the entity according to the authority and the retrieve command, and locking of the object such that the object is unavailable for any other entity.

18. The method as claimed in claim 17 further comprising release of the object after a preset time.

19. An object management system, comprising:
an object access interface to receive an access request from at least one entity, the access request including at least identification of the entity, a source port, a destination port, object information and access content including a write command;
a resource management module to assign a command handler to the access request;
an access management module to determine authority of the access request according to the identification and the source port; and
an object management module to write an object corresponding to the object information to the destination port according to the authority and the write command,

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16 wherein after the object management module writes the
17 object to the destination port, the command handler
18 is released.

1 20. The system as claimed in claim 19 wherein the object
2 management module further duplicates the object to a second
3 object management module.